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Fax Notes:

Application No. 10/708,153
Attorney Docket#:MSCP0024USA

Mr. Margo,

Attached is a copy of proposed amendment for claim 1. Same limitations will be applied to other independent claims as well. Claims 3-4 will be cancelled accordingly as being incorporated in claim 1. Please review this proposal and let me know if you want to make any further changes.

Date and time of transmission: Wednesday, August 25, 2010 4:58:50 PM
Number of pages including this cover sheet: 03

Proposed amendment for application 10/708153

Claim 1 (Proposed): A method for program debugging, the method

comprising:

setting a plurality of breakpoints corresponding to a plurality of events in a

Basic Input/Output System (BIOS) program code, each event being
a test executed by the BIOS program code to a peripheral device
and taking a general processing path when the peripheral device is
working well or an error processing path when the peripheral device
is in an error state;

executing the BIOS program code for outputting a diagnosis code of [a]

one of the a plurality of breakpoints;

setting a parameter to simulate the peripheral device is working well

throughout execution of the event corresponding to the diagnosis
code by a branch command of a script file via an emulator (cited
from PGPub paragraph [0025]);

executing the event corresponding to the diagnosis code according to the
parameter for making the event undergo the general processing
path;

resetting the parameter to simulate the peripheral device being in the error
state throughout execution of the event corresponding to the
diagnosis code by the branch command of the script file via the
emulator; and

executing the event corresponding to the diagnosis code according to the
reset parameter for making the event undergo the error processing
path[.][[.]]

*(Cited from PGPub paragraph [0023])*wherein the breakpoints are
software interrupt, using a trap to stop the execution of the
emulator;

*(Cited from PGPub paragraph [0026])*wherein the breakpoint can be set
ahead or after of program codes of the corresponding event;

If the breakpoints are set a head of the corresponding events, the
parameters are reset after the breakpoints;

If the breakpoints are set after the corresponding events, the script should
spontaneously jump ahead of the branch command of the event
and reset the parameter of the event.

Claims 3-4 (cancelled)

Claims 18 and 22 (proposed): Same limitation proposed in claim 1 will be applied.